

CONTRACT CHANGE ORDER
KOSSOW ROAD AND ABBOTT DRIVE TRAFFIC SIGNAL INSTALLATION

Date: 8/3/17

Contract Number: 3973
Branch: Engineering Department
Change Order Number: 1
Contractor: MP SYSTEMS (d/b/a/ PieperLine)

Amount of original contract \$128,608.28

Amount of Contract prior this Change Order \$128,608.28

Description of change:

Engineering is requesting approval of Contract Change Order No. 1 in the amount of \$6,473.48 with MP Systems. This change order reflects additional cost to install 2" dia. and 3" dia. conduits to finish connection of the signal system. This change order also reflects the final cost changes for quantities that went over the original bid amount.

Contract Extra for Conduit Installation and Restoration:

The 2016 WisDOT project was to install the underground conduits for this project. However, these conduits were not installed and the installation is added to the City's project. Due to field conditions, vacuum excavation was needed.

Summary of items:

25-FT of 2-Inch Conduit @ \$2.68 / ft =	\$67.00
40-FT of 3-Inch Conduit @ \$3.87 / ft =	\$154.80
4 Ton of Granular Backfill @ \$66.18 / Ton =	\$264.72
1 - Vacuum Excavation (Lump Sum) @ \$2,733.52 =	\$2,733.52
1 - Seeding / Mulching Restoration (Lump Sum) @ \$725.96 =	<u>\$725.96</u>
<i>Subtotal = \$3,946.00</i>	

Extra Quantity over the Bid Quantity per Unit Price:

Per field conditions and with approval from the engineering department, the contractor went over quantity on seven pay items. Summary of items and total cost of overages are listed below.

Summary of items:

-28-FT less Pavement Marking Stop Line Epoxy 18-Inch @ \$25.67 / ft =	-\$718.76
1,046-FT extra of Cable Traffic Signal 5-14 AWG @ \$0.76 / ft =	\$794.96
-343-FT less of Cable Traffic Signal 7-14 AWG @ \$0.91 / ft =	-\$312.13
299-FT extra of Cable Traffic Signal 12-14 AWG @ \$1.50 / ft =	\$448.50
3-FT extra of Cable Type UF 2-10 AWG Grounded @ \$0.98 / ft =	\$2.94
528-FT extra of Electrical Wire Traffic Signals 10 AWG @ \$0.59 / ft =	\$311.52
19-FT extra of Electrical Wire Lighting 10 AWG @ \$0.59 / ft =	\$11.21
3-EACH extra Transformer Bases Breakaway 11 1/2-Inch Bolt Circle @ \$322.81 / each =	\$968.43
1-EACH extra Poles Type 5 - Aluminum @ \$1,020.81 / each =	<u>\$1,020.81</u>
<i>Subtotal = \$2,527.48</i>	

Amount of this Change Order **\$6,473.48**

Net Contract Amount after this Change Order **\$ 135,081.76**

City of Waukesha
Director of Public Works

Date

Contractor
MP SYSTEMS (d/b/a/PieperLine)

Date